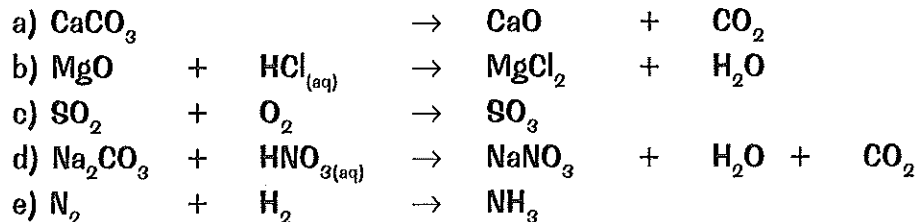


## Equations

**Q1** Complete the following word equations:

a) Iron	+	sulphur	→
b) Iron	+	oxygen	→
c) Magnesium	+	oxygen	→
d) Sulphur	+	oxygen	→
e) Hydrogen	+	oxygen	→
f) Magnesium	+	sulphur	→
g) Aluminium	+	chlorine	→
h) Hydrogen	+	iodine	→
i) Carbon	+	oxygen	→
j) Iron	+	bromine	→
k) Potassium	+	chlorine	→
l) Iron	+	sulphur	→
m) Lead	+	oxygen	→
n) Calcium	+	oxygen	→

**Q2** Write out the following symbol equations in words (they are not balanced).



**Q3** Write out the symbol equations below the word equations:

- a) Carbon + oxygen → carbon dioxide  
 b) Zinc + sulphuric acid → zinc sulphate + hydrogen  
 c) Copper + chlorine → copper chloride  
 d) Hydrogen + copper oxide → copper + water  
 e) Magnesium + sulphuric acid → magnesium sulphate + hydrogen  
 f) Magnesium + copper sulphate → copper + magnesium sulphate  
 g) Copper carbonate → copper oxide + carbon dioxide  
 h) Potassium hydroxide + hydrochloric acid → potassium chloride + water  
 i) Sodium hydroxide + hydrochloric acid → sodium chloride + water  
 j) Calcium carbonate + sulphuric acid → calcium sulphate + water + carbon dioxide